

Cosmology at the Beach agenda

| Time | Mon 1/11 | Tue 1/12 | Wed 1/13 | Thu 1/14 | Fri 1/15 |
|-------------|---------------------------|---------------------------|--|---------------------------|---------------------------|
| 8:30-9:30 | Liddle | Zaldarriaga | Roe | Takada | Tegmark |
| 9:30-10:30 | Tegmark | Liddle | Dedicated | Zaldarriaga | Takada |
| 10:30-11:00 | Coffee Break | Coffee Break | Poster | Coffee Break | Coffee Break |
| 11:00-12:00 | Takada | Tegmark | Session (9:30-11:30) | Liddle | Zaldarriaga |
| 12:00-1:00 | de la Macorra | Crawford | Lunch | Suntzeff | Das |
| 1:00-4:30 | Lunch /Siesta | Lunch/Siesta | Excursion | Lunch/Siesta | Lunch/Siesta |
| 4:30-5:30 | Contributed Talks/Posters | Contributed Talks/Posters | to Tulum | Contributed Talks/Posters | Contributed Talks/Posters |
| 5:30-6:30 | Contributed Talks/Posters | Contributed Talks/Posters | Smoot | Contributed Talks/Posters | Contributed Talks/Posters |
| 6:30-7:00 | Guided Discussion | Guided Discussion | Public Talk at Tulum (6-7pm) | Guided Discussion | Guided Discussion |
| 7:00-7:30 | Subgroup Discussion | Subgroup Discussion | Hart Special Music Presentation 9pm | Subgroup Discussion | Subgroup Discussion |

Cosmology at the Beach talks

Course Lectures:

Andrew Liddle – *Inflation* (model building, phenomenology, observational tests)

Masahiro Takada – *Weak Gravitational Lensing* (theory, cluster weak lensing, cosmic shear, data analysis)

Max Tegmark – *Large Scale Structure and Surveys* (theory and data, 21cm)

Matias Zaldarriaga – *CMB Polarization and Non-Gaussianity*

Plenary Talks:

Tom Crawford – *South Pole Telescope (SPT) Science*

Sudeep Das – *Atacama Cosmology Telescope Results*

Axel de la Macorra – *Connections between Dark Energy and Particle Physics*

Natalie Roe – *Baryon Oscillations Spectroscopic Survey (BOSS) Science*

Nicholas Suntzeff – *Recent Supernova Results*